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15 April 2017

Mr. John Nordine
U.S. EPA Region 5
RCRA Enforcement and Compliance Assurance Branch (LU-9J)
77 West Jackson Boulevard
Chicago, Illinois 60604

Re: Central Wire, Union, Illinois RCRA CMI Monthly Progress Report for March 2017

Dear Mr. Nordine:

Enclosed please find the RCRA CMI Monthly Progress Report for the Central Wire facility located in Union, Illinois for March 2017.

This report includes the eDMR for the groundwater pump and treat facility and the laboratory analytical report, which includes the effluent data used in the eDMR.

If you have any comments or questions regarding the progress of this project, please contact me at (262) 237-1130.

Sincerely,

Autumnwood ESH Consultants, LLC

John W. Thorsen, P.E.

JWT:jt

encl

cc:	Joyce Munie	IEPA
	Robert Kay	USGS
	Gerald W. Ruopp	Central Wire
	Robert Johnson	Central Wire

**MONTHLY PROGRESS REPORT
Central Wire Union, Illinois Site
March 2017**

- 1** **Progress Made This Reporting Period** – This reporting period Central Wire continued the operation and maintenance of the groundwater extraction and treatment system. Central Wire treated an average of 572,000 gallons per day (GPD) with a maximum daily flow of 578,000 GPD. The monthly NPDES sample met effluent limitations for pH, 1,1,1-Trichloroethane (TCA), Trichloroethene (TCE) and Tetrachloroethene (PCE). The electronic Discharge Monitoring Report (eDMR) for the month is attached to this report.

The laboratory analytical report for the pump and treat effluent noted that the groundwater pump & treat effluent samples were collected on March 22, 2017 and arrived at Test America Laboratory on March 23, 2017 at 1.8° C

In February, Central Wire received additional comments on the November 2016 Monthly Progress Report, the 2016 Field Investigation Report covering all sampling and analytical activities for 2016 and the Remedial Options Report which addresses the portion of the plume downgradient from the extraction wells. Central Wire responded to those comments by submitting the revised documents to EPA on March 31, 2017.

2 **Summary of Validated Data and Results**

Pump & Treat System NPDES Sampling

The monthly effluent sampling took place on March 22, 2017. The permit limitations and analytical results are shown in Table 1 below. There were no effluent limitation exceedances.

**Table 1
Central Wire Union Illinois Pump & Treat Discharge Analytical Results**

Parameter	Effluent Limitation (Daily Maximum) µg/L	Analytical Results, µg/L
1,1,1-Trichloroethane	20	< 0.38
Tetrachloroethene	20	< 0.37
Trichloroethene	20	0.44 J

J = Result is less than the Reporting Limit but >= to the Method Detection Limit and the concentration is an approximate value

The March 2017 NPDES analytical report, attached to this Monthly Progress Report, also contains environmental analytical results for the North and South Ponds. These ponds are Illinois EPA regulated seepage ponds for Central Wire's rinse waters from the annealing process, non-contact cooling water, boiler blowdown and storm water.

Upcoming Events/Activities Planned – Central Wire will continue to operate the existing remediation systems. Effluent samples will be collected, analyzed and reported as required in our NPDES permit.

RCRA monitoring wells and selected residential wells will be collected on a six month cycle, usually in June and December.

Samples will continue to be collected at the South Branch Nursery irrigation well every month when the irrigation pumps are operating, usually between April and October of each year. This is being done at the request of U.S. EPA.

4 **Anticipated Problem Areas and Recommended Solutions** – None.

5 **Key Personnel Changes** – None.

6 **Target and Actual Completion Dates** – This project has not deviated from the project schedule.